

## **REMARKS**

The Office Action dated July 27, 2007 has been received and carefully noted. The above amendments to the claims, and the following remarks, are submitted as a full and complete response thereto.

Claims 16, 18, and 23 have been amended to particularly point out and distinctly claim the subject matter of the invention. Claims 1-8, 10-20 and 22-25 are pending in the application and are respectfully submitted for reconsideration.

Claims 1-8, 10-20, and 22-25 were rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Publication No. 2005/0009520 to Herrero et al. ("Herrero"). The Office Action took the position that Herrero teaches all of the elements of independent claims 1, 12-13, and 24-25. It is respectfully submitted that, for at least the reasons provided below, Herrero fails to teach or suggest all of the presently pending claims. Reconsideration is requested.

Independent claim 1, upon which claims 2-8 and 10-11 are dependent, recites a method in a communication system wherein a subscription is associated with a plurality of public and private identities. The method also includes storing in a user information storage information relations between the plurality of public and private identities and of a control entity in which at least one of the identities is registered. The method further includes allocating the control entity to a further registration based on the information stored in the user information storage. The method additionally includes recognizing at

the user information storage that different private identities associate with a common service profile.

Independent claim 12 recites a communication system. The system includes a plurality of control entities. The system also includes a user information storage configured to store information of relations between public and private identities associated with users of a communication system and of a control entity in which at least one of the public and private identities is registered. The system further includes an allocating unit configured to allocate a call control entity to a further registration associated with a user based on the information stored in the user information storage. The system additionally includes a recognizing unit configured to recognize at the user information storage that different private identities associate with a common service profile.

Independent claim 13, upon which claims 14-20 and 22-23 are dependent, recites a user information storage entity for a communication system. The user information storage entity includes a storing unit configured to store information of relations between public and private identities associated with users of a communication system and of a control entity in which at least one of the public and private identities is registered. The user information storage entity also includes an allocating unit configured to allocate the call control entity to a further registration associated with a user based on the information stored in the user information storage. The user information storage entity further

includes a recognizing unit configured to recognize at the user information storage that different private identities associate with a common service profile.

Independent claim 24 recites a communication system. The system includes a plurality of control entities. The system also includes user information storage means for storing information of relations between public and private identities associated with users of a communication system and of a control entity in which at least one of the public and private identities is registered. The system further includes allocating means for allocating a call control entity to a further registration associated with a user based on the information stored in the user information storage means. The system additionally includes recognizing means for recognizing at the user information storage that different private identities associate with a common service profile.

Independent claim 25 recites a user information storage entity for a communication system. The user information storage entity includes storing means for storing information of relations between public and private identities associated with users of a communication system and of a control entity in which at least one of the public and private identities is registered. The user information storage entity also includes allocating means for allocating the call control entity to a further registration associated with a user based on the information stored in the user information storage. The user information storage entity further includes recognizing means for recognizing at the user information storage that different private identities associate with a common service profile.

An organization may subscribe to a communication system and be allocated to a public identity such as a telephone number, which is associated with the subscription. A number of individuals within the organization may have private identities. It may be that the organization allocates different service profiles for different private entities. For example, it may be that within the organization, different divisions may have different service profiles. The present application recognizes that this is a common arrangement for many organizations and that the communication system is best configured to deal with this type of organization by providing a method comprising recognizing at the user information storage that different private identities associate with a common service profile. Control entities can then be allocated utilizing this recognition.

This method allows registration of all private identities utilizing the same services to take place at the same controller entity. The proposed method may ensure that all private identifies associated with the same service profile are registered to the same S-CSCF. Registration at the same S-CSCF enables provision of the same services for a number of subscribers which have the same service profile. Support for this method is described, for example, at page 9, lines 21 to 25, page 10, lines 8 to 11, and the last paragraph of page 11 of the specification of the present application. Another example would be a family which has a common public identity. The parents in the family may have private identities associated with one service profile, whereas the children may have private identities associated with a different, restricted service profile.

As discussed below, Herrero fails to disclose or suggest all of the elements of any of the presently pending claims and consequently can not provide the critical and unobvious advantages described above.

Herrero generally describes a method for supporting multiple registration from the same user requested from different terminals in a telecommunications system. The system requires managing information related to the location of the user and related to the plurality of identifiers that identify the user in the system. Herrero generally describes a method allowing further multiple session establishment to any of those terminals. In the home server of the user it is stored a plurality of private identities related to the subscriber data of the user together with, at least, a public identity. Each registration of the user contains a public identity assigned to the user and a private identity among the plurality of the private identities assigned to the user. See abstract of Herrero. The Figure 3 of Herrero discloses a prior art arrangement in which a user has a subscription including a single private identity. The user subscription includes a plurality of public and private identities. See Figure 6 of Herrero.

The Office Action took the position that Herrero discloses recognizing “at the user information storage that different private identities associate with a common service profile,” as recited in independent claims 1, 12, 13, 24, and 25. However, Applicants respectfully traverse this position. Herrero merely discloses that different private identities associate with a **common subscription**. (Emphasis Added). A common subscription does not correspond to a common service profile. In Herrero, the different

private identities associate with different terminals having **different service profiles**. (Emphasis Added). Herrero's method merely describes the different private identities associates with different service profiles. See, for example, paragraph [0093] of Herrero. In Herrero, the user subscription only comprises a single private identity. Multiple private identities are associated with a single subscription is described and illustrated in figure 6 of Herrero.

Herrero's system is intended to offer a huge variety of services provided by different terminals. See paragraph [0017] of Herrero. As discussed at paragraph [0036] of Herrero, Herrero states that it would be desirable for a user with a single subscription to be able to register from various different terminals at the same time. The solution proposed by Herrero provides multiple private identities associated with a single subscription and is illustrated in paragraph [0038] of Herrero. Each of the private identities is associated with a different service profile according to Herrero's associated terminal.

Therefore, contrary to the contentions made in the Office Action, Herrero fails to teach or suggest, at least, "recognizing at the user information storage that different private identities associate with a **common service profile**," as recited in independent claim 1, 12, 24, and 25. (Emphasis Added). Herrero fails to teach or suggest all of the elements of any of the presently pending claims, and thus, fails to provide the critical and non-obvious advantages described above.

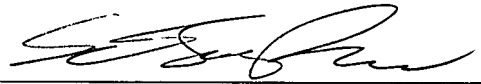
Accordingly, in view of the foregoing, it is respectfully asserted that Herrero fails to teach or suggest all of the elements of independent claims 1, 12, 13, 24, and 25 and dependent claims 2-8, 10-11, 14-20, and 22-23.

In view of the above, it is respectfully submitted that the claimed invention recites subject matter which is neither disclosed nor suggested in the cited prior art. It is further respectfully submitted that the subject matter is more than sufficient to render the claimed invention unobvious to a person of ordinary skill in the art. Applicants therefore respectfully request that each of claims 1-8, 10-20, and 22-25 be found allowable and this application passed to issue.

If for any reason the Examiner determines that the application is not now in condition for allowance, it is respectfully requested that the Examiner contact, by telephone, the applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this application.

In the event this paper is not being timely filed, the applicants respectfully petition for an appropriate extension of time. Any fees for such an extension together with any additional fees may be charged to Counsel's Deposit Account 50-2222.

Respectfully submitted,



Sejoon Ahn  
Registration No. 58,959

**Customer No. 32294**  
SQUIRE, SANDERS & DEMPSEY LLP  
14<sup>TH</sup> Floor  
8000 Towers Crescent Drive  
Tysons Corner, Virginia 22182-2700  
Telephone: 703-720-7800  
Fax: 703-720-7802

SA:dc